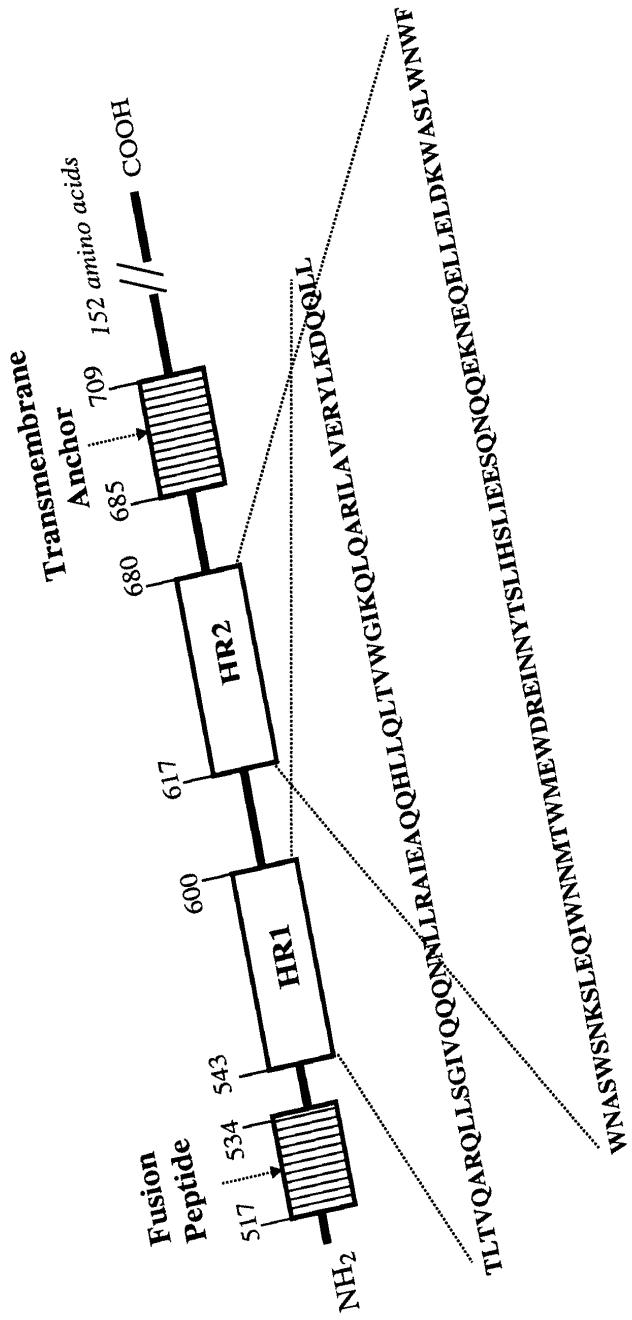


FIG. 1



	10	20	30	40	
T-21	--NNLLRAIEAQHQHLLQLTVWGIKQLQARILAVERYLKDQ				
Gp41bru.pro	QQ.....	.....	.....	Q
Gp41hxb2.PRO	QQ.....	.....	.....	Q
PNL4-3 gp41.PRO	QQ.....	.....	.....	Q
Ug273-A.pro	QQS.....	K.....	L.....	R..Q	
Us2-B.pro	QQ.....	.....	V.....	Q
Ug268-C.pro	QQ.....	M.....	T.V..I.....	Q..Q	
Se365-D.pro	QQ.....	.....	.....	R..Q
CM240-E.pro	QQS.....	.....	V.....	K
Bz126-F.pro	QQ.....	.....	V.....	Q..Q
HH8793-G.pro	QQS.....	.....	V..L.....	R..Q
ENV_HV1BN	QQ.....	M.....	M.E.....	V.....	Q
ENV_HV1C4	QQ.....	K.....	.....	Q
ENV_HV1KB	QQ.....	D.....	V.....	Q	
_VCLJH00	QQ.....	K.....	.....	Q
ENV_HV1B8	QQ.....	G.....	.....	Q
ENV_HV1Z8	QQ.....	M.....	V..S.....	Q	
1	QQT.M.K.....	.....	V.....	Q
2	QQTS.....	.....	V.....	R..Q
3	QQ.D.....	M.....	V..L.G..Q..Q	Q	
4	QQ..M.....	M.....	V.....	R..Q	
5	QQS..M.....	L..MV.....	V.....	Q	
6	QQS..M.....	M.....	V.....	Q	
7	QQX.....	M.....	V..L.....	R..Q	
8	QQ.D...G.D.P.....	W.....	V.....	RG.Q	
9	QQ.S..Q.....	RM.....	V.....	Q	
10	QQ.D.....	R.....	V..L.....	R..Q	
11	QQT.M.....	S.....	V.....	Q
12	QRS..K.....	QMWR.....	F.....	L.....	Q
13	QQ.....	M.....	R..V..I.....	Q	
14	QQS.....	.....	PG.....	Q
15	QQ.....	.....	V..K..R..Q	Q
16	ER.K.R.....	M.....	V.....	S..Q	
17	HQS.....	.....	V.....	R..Q
18	QQ.D...G.D.P.....	V.....	V.....	RG.Q	

FIG. 2

a b c d f g a b c d e f g
 QARQLL SGI VQQQNNLL RAI EAQQHLL QLT VWG KQL QARI LAVERYL K SEQ ID NO:23
 QARQLL SGI VQQQNNLL RAI EAQQHAL QAT VWG KQL QARI LAVERYL K SEQ ID NO:32
 QARQLY SGL VQQQNNI L RAL EAT QHAY QAL VW GV KQL QARY L ALERYI K SEQ ID NO:35
 QI RQLL SGI VQQQNNLL RAI EAI QHAL QAI VW GI KQL QARI LAVERYL K SEQ ID NO:36

QQNNNL RAI EAQQHLL QLT VWG KQL QARI LAVERYL K DQ SEQ ID NO:27
 QQNNNL RAI EAQQHLL QLT T AW GI KQL QARI LAVERYL K DQ SEQ ID NO:29
 QQNNNL RAI EAQQHLL QLT VA GI KQL QARI LAVERYL K DQ SEQ ID NO:30

FIG. 3

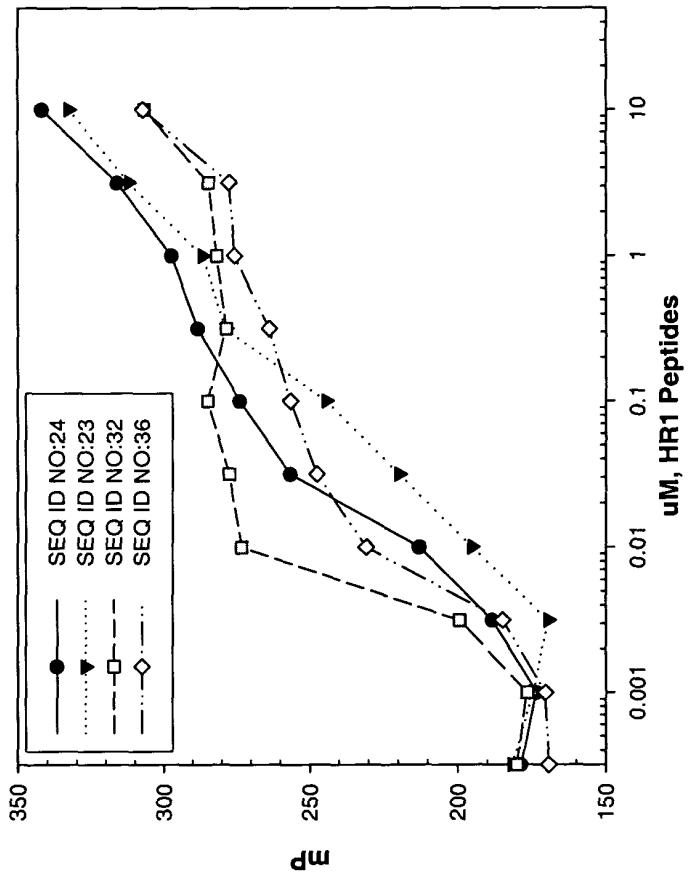


FIG. 4